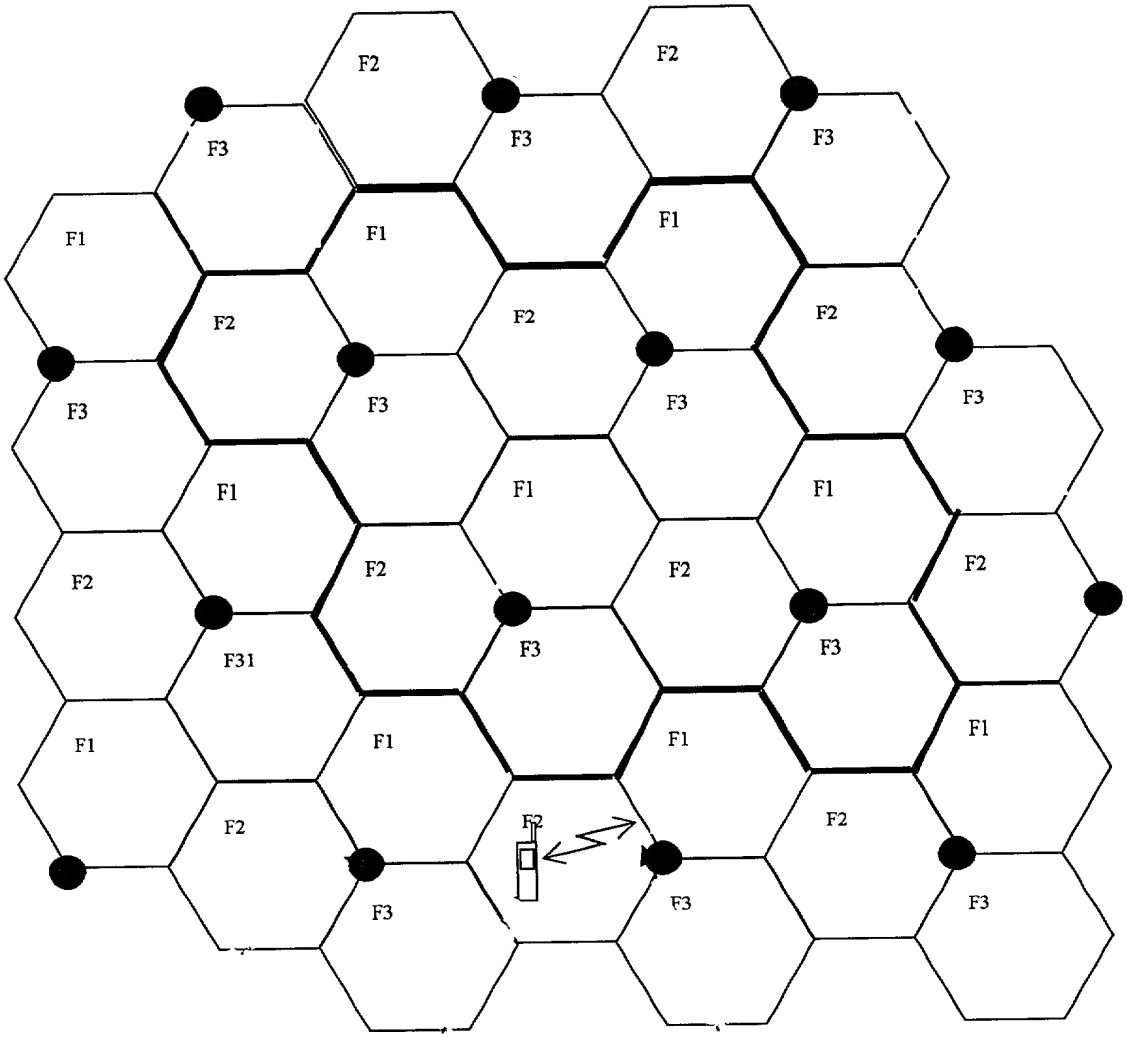
F1
F2
F3
F31

FIG. 1

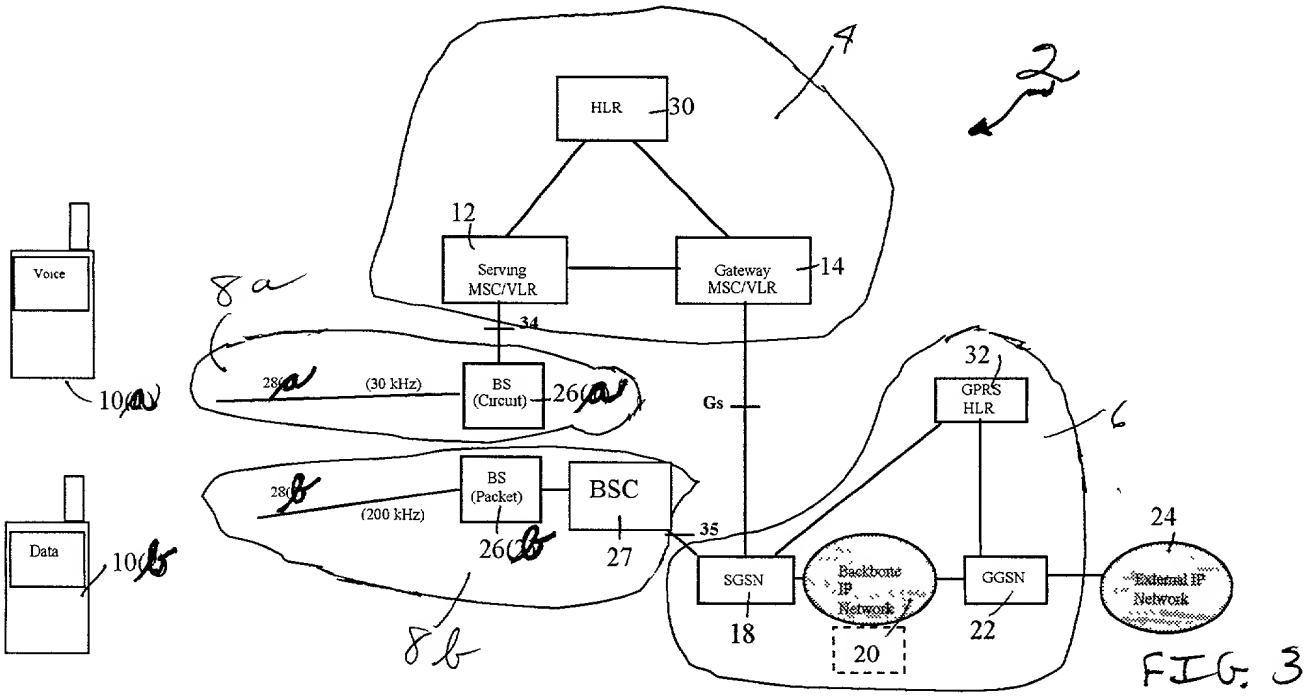
HLR
30
4
2
12
Serving MSC/VLR
Gateway MSC/VLR
14
34
Voice
8a
10a
28a
(30 kHz)
BS (Circuit)
26a
Gs
32
GPRS HLR
6
BS (Packet)
BSC
28b
(200 kHz)
26b
27
35
Data
10b
8b
SGSN
Backbone IP Network
GGSN
External IP Network
24
18
20
22

FIG. 3

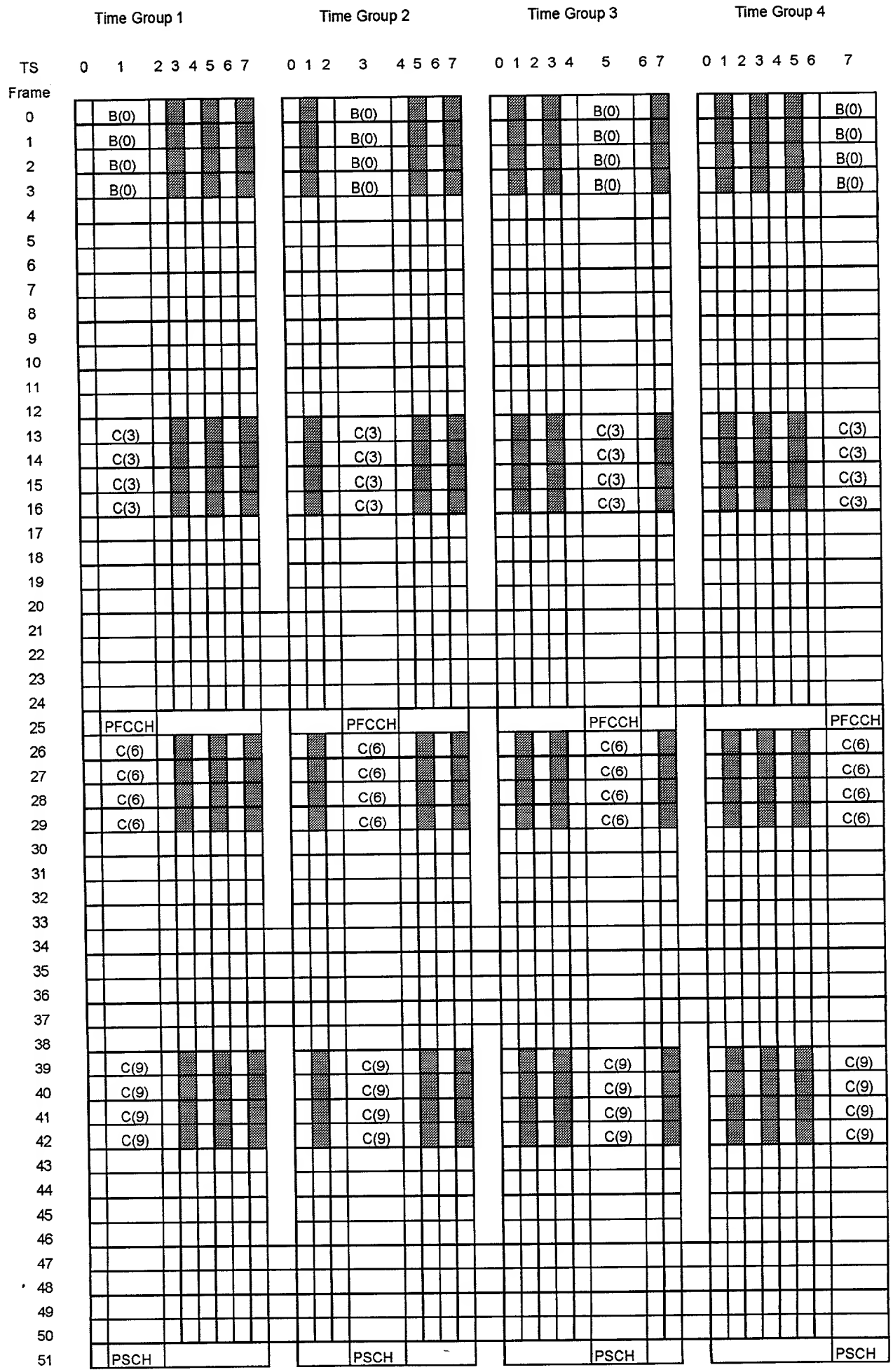
Time Group 1
Time Group 2
Time Group 3
Time Group 4
TS
Frame
B(0)
C(3)
PFCCH
C(6)
C(9)
PSCH

FIG. 4

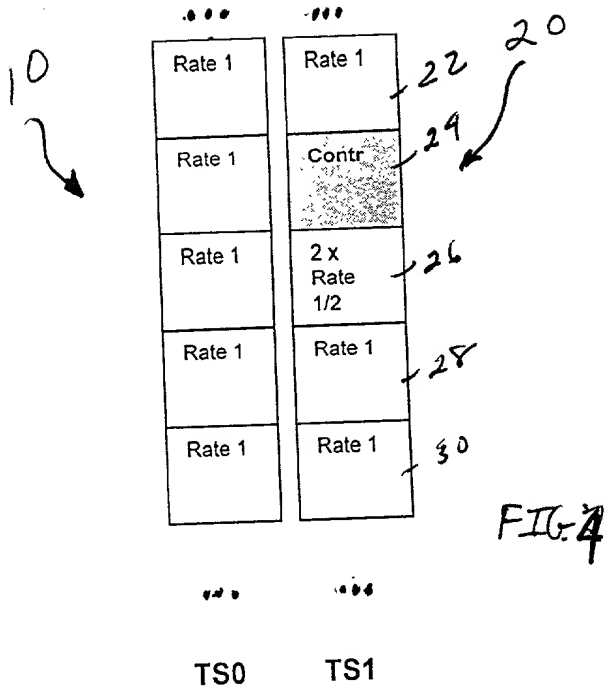

FIG. 4

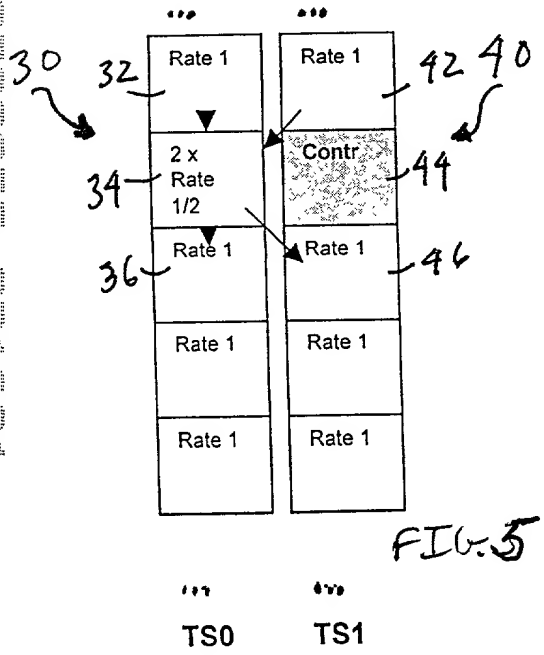

FIG. 5

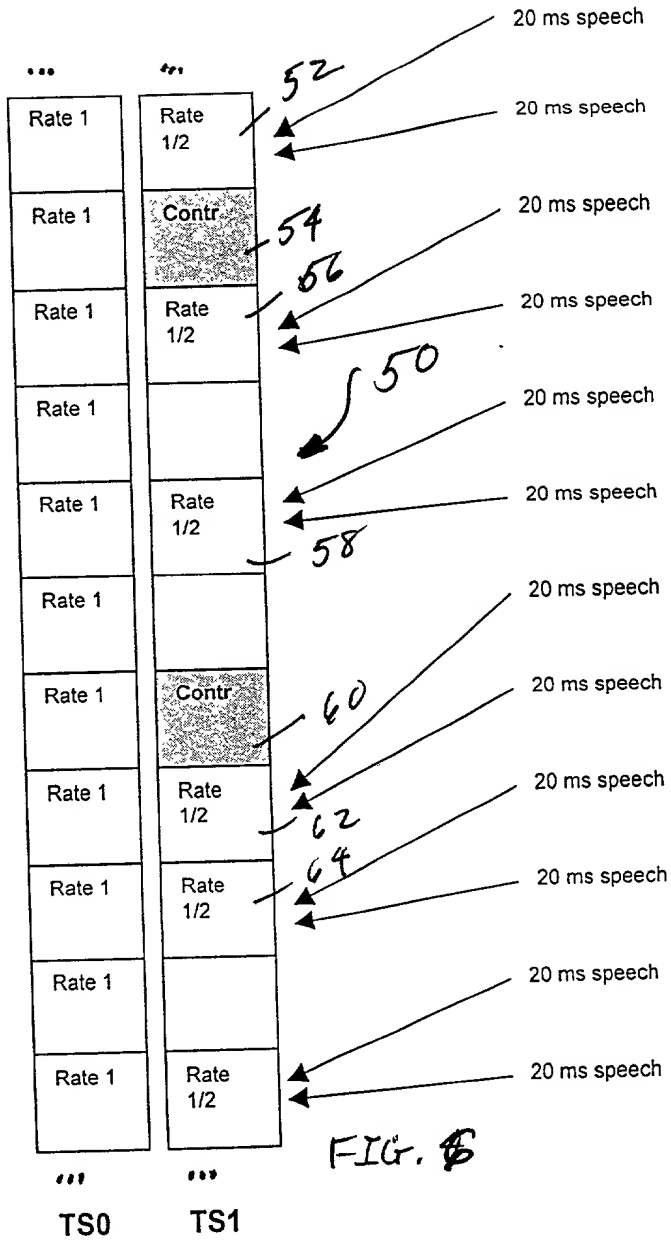

FIG. 6